Message

From: Bahr, Ryan [bahr.ryan@epa.gov]

Sent: 6/14/2018 3:45:55 PM

To: Maraldo, Dean [Maraldo.Dean@epa.gov]; Kuefler, Patrick [kuefler.patrick@epa.gov]

Subject: RE: CSD UNL/Hach Nitrate-N Maps

My meeting starts at 10:00. Is there time beforehand?

From: Maraldo, Dean

Sent: Thursday, June 14, 2018 9:07 AM

To: Kuefler, Patrick < kuefler.patrick@epa.gov>

Cc: Bahr, Ryan <bahr.ryan@epa.gov>
Subject: RE: CSD UNL/Hach Nitrate-N Maps

Pat: it looks like you are out next week. Monday morning works for everyone else. Is that ok? Other option is tomorrow morning but Ryan is tied up.

From: Kuefler, Patrick

Sent: Thursday, June 14, 2018 8:55 AM **To:** Holst, Linda holst.linda@epa.gov

Cc: Klassman, Debra <<u>klassman.debra@epa.gov</u>>; Poy, Thomas <<u>poy.thomas@epa.gov</u>>; Maraldo, Dean Maraldo, Dean@epa.gov>; Bahr, Ryan <<u>bahr.ryan@epa.gov</u>>; Mikalian, Charles Mikalian, Charles Mikalian, Charles Mikalian, Charles Mikalian.charles@epa.gov>

Subject: RE: CSD UNL/Hach Nitrate-N Maps

We are going to meet with QA and ORC and recommend what we should share.

From: Holst, Linda

Sent: Thursday, June 14, 2018 7:18 AM

To: Kuefler, Patrick <kuefler.patrick@epa.gov>

Cc: Klassman, Debra <<u>klassman.debra@epa.gov</u>>; Poy, Thomas <<u>poy.thomas@epa.gov</u>>; Maraldo, Dean

<Maraldo.Dean@epa.gov>

Subject: Re: CSD UNL/Hach Nitrate-N Maps

Do we have the data in a table that you feel comfortable sharing with WDNR along with the maps? Is this something we can share now or do you recommend we wait until the other data are in?

On Jun 14, 2018, at 7:11 AM, Kuefler, Patrick < kuefler patrick@epa.gov > wrote:

FYI

From: Maraldo, Dean

Sent: Wednesday, June 13, 2018 9:15 PM

To: Mikalian, Charles < mikalian.charles@epa.gov >; Burdett, Cheryl < burdett.cheryl@epa.gov >; Bahr,

Ryan <bahr.ryan@epa.gov>; Kuefler, Patrick <kuefler.patrick@epa.gov>

Cc: Wilson, Jennifer < wilson, jennifer A@epa.gov >; Atkinson, Benjamin < atkinson.ben@epa.gov >; Rogers,

Joan <rogers.joan@epa.gov>; Hodaj, Andi <hodaj.andi@epa.gov>

Subject: CSD UNL/Hach Nitrate-N Maps

All: here are the maps for shallow and deep Nitrate-N based on University of Nebraska lab results. Also attaching the Hach Field Nitrate results for shallow and deep samples. If you

compare the two data sets you will see that the field strips performed very well, 0.8 correlation coefficient.

- <UNL_N-N_deep_Map.pdf>
- $<\!\!UNL_N-N_shallow_Map.pdf\!\!>$
- <EPA Hach_deep_Map.pdf>
- <EPA Hach_shallow_Map.pdf>